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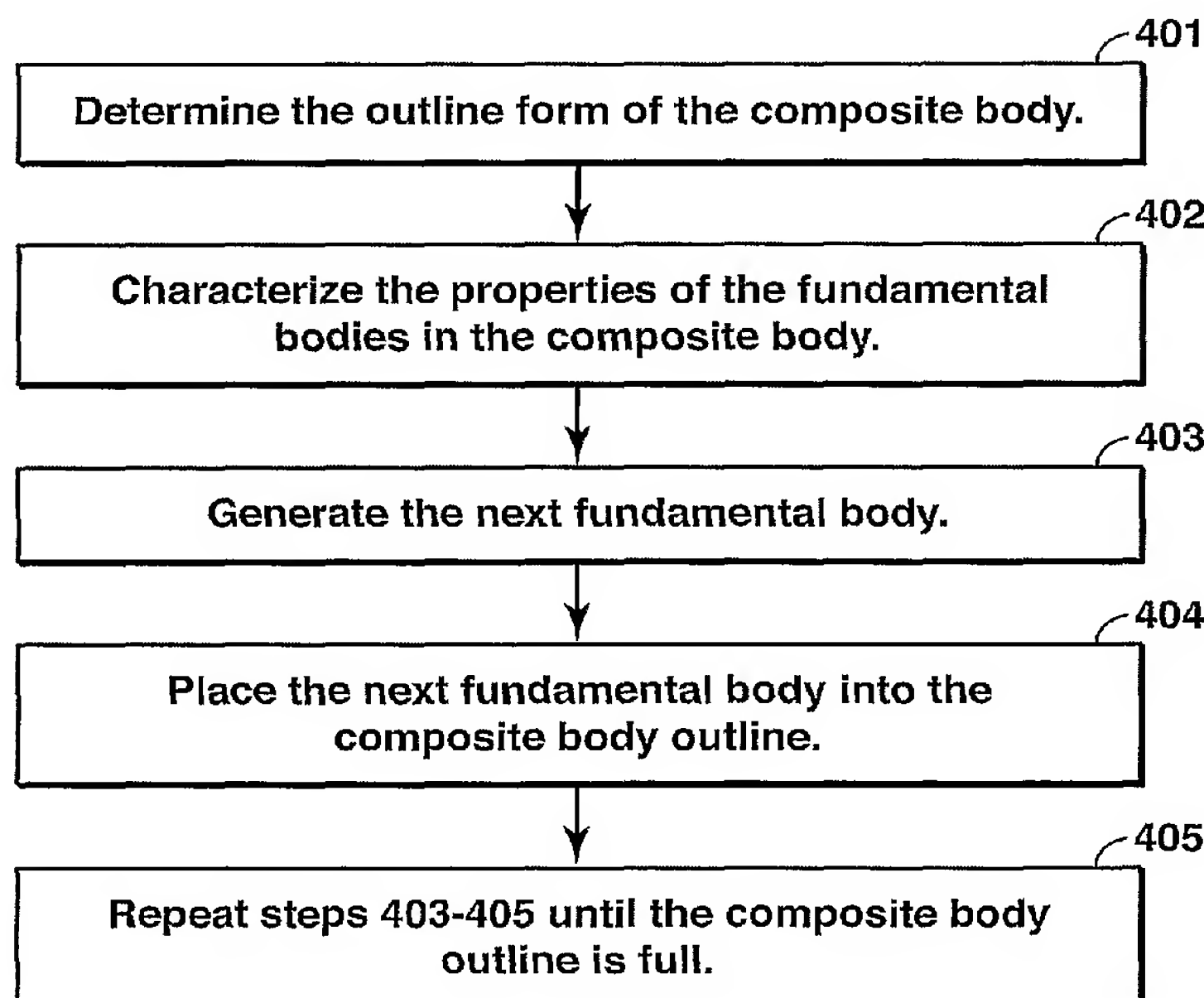
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**Declarations under Rule 4.17:**

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[Continued on next page]

(54) Title: METHOD FOR CONSTRUCTING A GEOLOGIC MODEL OF A SUBSURFACE RESERVOIR



(57) Abstract: The present invention is a method for constructing a geologic model of a subsurface reservoir which is composite sedimentary body composed of many smaller fundamental sedimentary bodies. In one embodiment, the fundamental sedimentary bodies within the composite body are specified by the properties of the flow which built them, including flow properties that exist at the local inlet of each fundamental body (401, 402, 403, 404, 405).

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